



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification 7 :</b> <b>C12N 15/12, 15/64, C07K 14/435, A61K 48/00, A61P 35/00</b>	<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 00/52156</b> <b>(43) International Publication Date:</b> 8 September 2000 (08.09.00)
<b>(21) International Application Number:</b> PCT/AU00/00143 <b>(22) International Filing Date:</b> 1 March 2000 (01.03.00) <b>(30) Priority Data:</b> PP 8956 1 March 1999 (01.03.99) AU PQ 5268 25 January 2000 (25.01.00) AU <b>(71) Applicant (for all designated States except US):</b> COMMON-WEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION [AU/AU]; Limestone Avenue, Campbell, Australian Capital Territory 2601 (AU). <b>(72) Inventors; and</b> <b>(73) Inventors/Applicants (for US only):</b> MOLLOY, Peter, Laurence [AU/AU]; 41 Bellevue Street, Chatswood, New South Wales 2067 (AU). WATT, Fujiko [AU/AU]; 42 Waragal Avenue, Rozelle, New South Wales 2039 (AU). <b>(74) Agent:</b> F B RICE & CO; 139 Rathdowne Street, Carlton, Victoria 3053 (AU).		<b>(81) Designated States:</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW. ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). <b>Published</b> <i>With international search report.</i>
<b>(54) Title:</b> REGULATORY CONSTRUCTS COMPRISING INTRON 3 OF PROSTATE SPECIFIC MEMBRANE ANTIGEN GENE		
<b>(57) Abstract</b> <p>The invention provides regulatory constructs comprising intron 3 of the prostate specific membrane antigen gene (PSMA). An isolated nucleic acid molecule encoding the partial sequence of intron 3 of PSMA, a vector and a recombinant expression cassette are disclosed. The invention also provides a method of directing expression of a coding sequence in a prostate cell, a bladder cell, a breast cell and a vascular endothelial cell using the said constructs. This invention further provides a method of treatment of cancer using the said constructs.</p>		